

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,933,644

APPLICATION NO.: 10/552,009

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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10, Line 63:

Reads:  $TH^j = \alpha \times ECG_{\max}^j$

Should read:  $TH^j = \alpha \times ECG_{\max}^j$

Column 10, Line 65:

Reads:  $ECG_{\max}^j$

Should read:  $ECG_{\max}^j$

Column 13, Line 36:

Reads:  $T_{RR}^*$

Should read:  $T_{RR}^*$

Column 14, Line 36:

Reads:

$$SI_{LF} = \sum_{n=1}^N \sum_{u=LF}^{LF_{\max}} (ED_{TF}(n, v))^2$$

Should read:

$$SI_{LF} = \sum_{n=1}^N \sum_{u=LF_{\min}}^{LF_{\max}} (ED_{TF}(n, v))^2$$

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